

Notice of Allowability	Application No.	Applicant(s)	
	09/934,887	GAJDA ET AL.	
	Examiner	Art Unit	
	Merilyn P Nguyen	2161	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 05/06/2004.
2. ☒ The allowed claim(s) is/are 1-27.
3. ☒ The drawings filed on 22 August 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |


SAFET METJAHIC
SUPERVISORY PATENT EXAMINER

DETAILED ACTION

1. In response to the communication dated 05/06/2004, claims 1-27 are active in this application.

Acknowledges

2. Receipt is acknowledged of the following items from the Applicant:
 - o The applicant's amendments have been considered.

Affidavit Under 37 CFR 1.131 and 37 CFR 1.132

3. Indicate on record that the Declaration was filed as an Affidavit under 37 CFR 1.131 and 37 CFR 1.132. The evidences are persuasive and the rejection of claims 1-27 under 102(e) over Copeland is hereby withdrawn. The application is in condition for allowance.

Response to Arguments

4. Applicant's arguments filed on 08/11/2003 about the claim rejection under 35 U.S.C. 102 of the last Office Action have been fully considered, and they are persuasive.

Reason for Allowance

5. The following is an examiner's statement of reason for allowance:

None of the references of record teaches or suggests the claimed (Claims 1, 10, and 19) invention having, in addition to the other limitations in the claims, the method of converting Structure Queried language into an Open database connectivity (ODBC) comprising the steps of

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identifying an SQL statement based on said one or more keywords, matching said SQL statement with a function, wherein said function is associated with one or more ODBC calls, and substitute said SQL statement with a call to said function.

The closest prior art of record, Hind US 2002/0161801, is directed to converting existing XML documents to a machine-oriented notation mXML. Hind teaches the concept of converting an XML document to other format. However, the concept of converting of Hind can't apply to converting SQL queries into ODBC calls by matching SQL statement with corresponding function associated with ODBC calls.

Therefore, none of the references of record, alone or combined, teaches or suggests the claimed limitations as addressed above.

Dependent claims 2-9, 11-18, 20-27 are allowable because they depend from allowable base claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

Conclusion

6. A shortened statutory period for response to this action is set to expire 3 (three) months and 0 (zero) day from the day of this letter. Failure to respond within the period for response will cause the application to become abandoned (see M.P.E.P 710.02(b)).

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Lee US 2002/0087327 discloses computer-implemented html pattern parsing method and system.

Wong US 2004/0015890 discloses system and method for adapting files for backward compatibility.

Friedman U.S Patent No. 6,182,029 discloses system and method for language extraction and encoding utilizing the parsing of text data in accordance with domain parameters.

Dorsett U.S Patent No. 6,658,429 discloses laboratory database system and methods for combinatorial materials research.

Reid U.S Patent No. 6,560,592 discloses multi-model computer database storage system with integrated rule engine.

Fangju Wang, "Parsing "Grammatically Incomplete" Natural Language Queries to Spatial Databases" (2001).

Neil Coburn, Per-Ake Larson, T.Patrick Martin, and Jacob Slonim, "CORDS Multidatabase Project: Research and Prototype Overview" (1993).

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Boris Katz, Deniz Yuret, Jimmy Lin, Sue Felshin, Rebecca Schuman, Adnan Ilik, Ali Ibrahim, Philip Osafo-Kwaako, "Intergrating Web Resources and Lexicons into a Natural Language Query System", 1999.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marilyn P Nguyen whose telephone number is 571-272-4026. The examiner can normally be reached on M-F: 8:30 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Safet Metjahic can be reached on 571-272-4023. The fax phone numbers for the organization where this application or proceeding is assigned are 703-746-7239 for regular communications and 703-746-7240 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.



MN
November 23, 2004



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SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100